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PATENT

Docket No.: 61450-023

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

ATHAS, William C. et al.

Serial No.: 10/031,672

Group Art Unit: 2819

Filed: September 9, 2002

Examiner: Unknown

For: HIGH PERFORMANCE CLOCK-POWERED LOGIC

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CERTIFICATE OF MAILING (37 C.F.R. § 1.8(a))

I hereby certify that this correspondence is being deposited with the United States Postal Service as First-Class Mail under 37 CFR 1.8(a) in an envelope addressed to Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.

Date: Aug. 8, 2003

Jessica Brown  
Jessica Brown

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed please find the Power of Attorney for the above-referenced patent application, executed by the assignee. Also enclosed are assignee's executed Statement Under 37 CFR 3.73(b) and a copy of the assignment for this application.

Please charge any necessary fee to our deposit Account No. 501946. We enclose a duplicate copy of this paper.

Mark E. Brown  
Mark E. Brown, Attorney for Applicant  
Reg. No. 28,590

2049 Century Park East, 34th Floor  
Los Angeles, CA 90067  
Telephone: (310) 277-4110  
Facsimile: (310) 277-4730  
Date: August 8, 2003



Docket No. 1450-0023

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of

William C. Athas, et al.

Serial No.: 10/031,672

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Date:

August 8, 2003

Jessica S. Brown  
Jessica S. Brown

**REVOCATION OF POWER OF ATTORNEY, APPOINTMENT  
AND CERTIFICATION UNDER 37 CFR 3.73(B)**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The undersigned assignee of the above-identified application hereby revokes all previous Powers of Attorney and appoints the following attorneys with full power to prosecute the application, to make alterations and amendments therein, and to transact all business in the United States Patent Office connected therewith.

I hereby appoint the following attorney(s) and/or agent(s): Steven W. Allis, Reg. No. 50,532; Stephen A. Becker, Reg. No. 26,527; John G. Bisbikis, Reg. No. 37,095; Marc E. Brown, Reg. No. 28,590; Daniel Bucca, Reg. No. 42,368; Daphne L. Burton, Reg. 45,323; Kenneth L. Cage, Reg. No. 26,151; Jennifer Chen, Reg. No. 42,404; Bernard P. Codd, Reg. No. 46,429; Lawrence T. Cullen, Reg. No. 44,489; Paul Devinsky, Reg. No. 28,553; Margaret M. Duncan, Reg. No. 30,879; Shamita De. Etienne-Cummings, Reg. No. 46,072; Ramyar M. Farid, Reg. No. 46,692; Brian E. Ferguson, Reg. No. 36,801; Michael E. Fogarty, Reg. No. 36,139; John R. Fuisz, Reg. No. 37,327; Craig A. Gelfound, Reg. 41,032; Keith E. George, Reg. No. 34,111; John A. Hankins, Reg. No. 32,029; Eric J. Kraus, Reg. No. 36,190; Catherine Krupka,

Reg. No. 46,227; Jack Q. Lever, Reg. No. 28,149; Raphael V. Lupo, Reg. No. 28,363; Burman Y. Mathis III, Reg. No. 44,907; Michael A. Messina, Reg. No. 33,424; Michael Oleinik, Reg. No. 41,228; Dawn L. Palmer, Reg. No. 41,238; Joseph H. Paquin, Jr., Reg. No. 31,647; Scott D. Paul, Reg. No. 42,984; William D. Pegg, Reg. No. 42,988; Robert L. Price, Reg. No. 22,685; Charles Rosenberg, Reg. 31,464; Gene Z. Rubinson, Reg. No. 33,351; Joy Ann G. Serauskas, Reg. No. 27,952; David A. Spenard, Reg. No. 37,449; Arthur J. Steiner, Reg. No. 26,106; Wesley Strickland, Reg. No. 44,363; Michael D. Switzer, Reg. No. 39,552; David M. Tennant, Reg. No. 48,362; Judith L. Toffenetti, Reg. No. 39,048; Daniel S. Trainor, Reg. No. 43,959; Kelli N. Watson, Reg. No. 47,170; Cameron K. Weiffenbach, Reg. No. 44,488; Aaron Weissstuch, Reg. No. 41,557; Edward J. Wise, Reg. No. 34,523; Jeffrey A. Woller, Reg. No. 48,041; Alexander V. Yampolsky, Reg. No. 36,324; and Robert W. Zelnick, Reg. No. 36,976; Wei-Chen Chen, admitted under 37 CFR 10.9(b), all of the firm:  
all of

McDERMOTT, WILL & EMERY  
2049 Century Park East, 34th Floor  
Los Angeles, CA 90067-3208  
USPTO Customer No.: 33401

with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and all future correspondence should be addressed to them.

**CERTIFICATE UNDER 37 CFR 3.73(b)**

University of Southern California, a corporation of Delaware, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of:

An Assignment from the inventor(s) of the patent application identified above

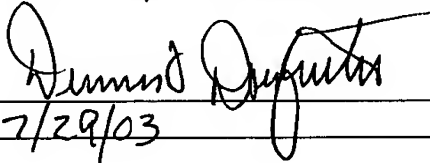
The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

The undersigned further declares that all statements made herein of its own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Respectfully submitted,

UNIVERSITY OF SOUTHERN CALIFORNIA

|            |  |
|------------|--|
| Name:      | <u>Dennis J. Dougherty</u>   |
| Title:     | <u>Senior Vice-President of Administration</u>   |
| Signature: | <u></u> |
| Date:      | <u>2/29/03</u>   |

## ASSIGNMENT

WHEREAS, WE, **William C. Athas, Nestor Tzartzanis, Lena Peterson and Weihua Mao**, the undersigned inventors (ASSIGNORS), have invented a **HIGH PERFORMANCE CLOCK-POWERED LOGIC**, for which we filed a Patent Cooperation Treaty international application on July 18, 2000, Application Number PCT/US00/19608; from which we are filing the United States Patent Application, which we have executed concurrently with executing this Assignment. We are the joint owners of this application, inventions and improvements; and

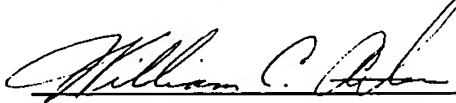
WHEREAS, the **University of Southern California**, (ASSIGNEE) is a nonprofit corporation organized and existing under the laws of the state of California, having a place of business at 3716 South Hope Street, Suite 313, Los Angeles, California 90007-4344, desires to acquire the entire right, title and interest in and to the inventions, applications and Letters Patent to be granted and issued for and/or based on the inventions and applications;

NOW, THEREFORE, for valuable consideration, the receipt and legal sufficiency of all of which we acknowledge, we, the ASSIGNORS, have sold and do hereby sell, assign, transfer and set over unto the ASSIGNEE, its successors and assigns, the entire right, title and interest in and to the inventions, in and to the application for Letters Patent thereon, in and to applications pertaining to or based upon the inventions and applications, including regular, divisional and continuing applications and continuations-in-part, and in and to any and all Letters Patent which may be granted and issued on the inventions and applications, or any of them, not only for, to and in the United States of America, its territories and possessions, but for, to and in all foreign countries, together with and including all priority rights based upon any and all applications in the United States of America covered by this Assignment.

And for the above-named considerations, we agree that we will, at the request of the ASSIGNEE, execute any and all applications for Letters Patent for the inventions and any and all other papers and documents and do all other and further lawful acts that the ASSIGNEE may deem necessary or desirable to obtain Letters Patent on the inventions, to secure the grant of such Letters Patent and to perfect and vest in the ASSIGNEE the entire right, title and interest in the inventions, applications and Letters Patent.

And for the above-named considerations, we authorize and empower the ASSIGNEE, its successors and assigns, to apply for and obtain, in its or their own names, Letters Patent for the inventions before competent International Authorities including the World Intellectual Property Office and in any and all countries foreign to the United States in which applications for Letters Patent can be so made or Letters Patent so obtained.

Dated: 02/01, 2002

  
Name: William C. Athas  
Address: 1047 BIRD AVE.  
SAN JOSE, CA 95125

STATE OF CALIFORNIA     )  
                                  ) ss.  
COUNTY OF Santa Clara    )

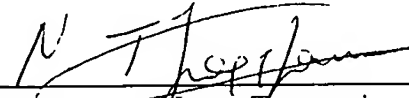
On this \_\_\_\_\_ day of \_\_\_\_\_, 2002, before me \_\_\_\_\_, the undersigned Notary Public, personally appeared **William C. Athas**, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his/her authorized capacity, and that by his/her signature on the instrument, the person, or the entity upon behalf of which the person acted, executed the instrument.

Witness my hand and official seal.

(SEAL)

\_\_\_\_\_  
Notary Public

Dated: August 28, 2002

  
Name: Nestor Tzartzanis  
Address: 2013 Lyon Ave.  
Belmont, CA 94002

STATE OF CALIFORNIA       )  
  ) ss.  
COUNTY OF SAN MATEO    )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2002, before me \_\_\_\_\_, the undersigned Notary Public, personally appeared **Nestor Tzartzanis**, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his/her authorized capacity, and that by his/her signature on the instrument, the person, or the entity upon behalf of which the person acted, executed the instrument.

Witness my hand and official seal.

(SEAL)

\_\_\_\_\_  
Notary Public

Dated: \_\_\_\_\_, 2002

\_\_\_\_\_  
Name: Lena Peterson  
Address: Sten Stureg 36 7 Tr.  
S 412 52 Gothenburg, Sweden

\_\_\_\_\_  
Witness (Signature)

\_\_\_\_\_  
Witness (Signature)

\_\_\_\_\_  
Witness (Print or Type Name)

\_\_\_\_\_  
Witness (Print or Type Name)

On this \_\_\_\_\_ day of \_\_\_\_\_, 2002, before me \_\_\_\_\_, the undersigned Notary Public, personally appeared **William C. Athas**, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his/her authorized capacity, and that by his/her signature on the instrument, the person, or the entity upon behalf of which the person acted, executed the instrument.

Witness my hand and official seal.

(SEAL)

\_\_\_\_\_  
Notary Public

Dated: \_\_\_\_\_, 2002

\_\_\_\_\_  
Name: Nestor Tzartzanis  
Address: 248 Pamela Drive, #1  
Mountain View, CA 94040

STATE OF CALIFORNIA       )  
  ) ss.  
COUNTY OF SANTA CLARA   )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2002, before me \_\_\_\_\_, the undersigned Notary Public, personally appeared **Nestor Tzartzanis**, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his/her authorized capacity, and that by his/her signature on the instrument, the person, or the entity upon behalf of which the person acted, executed the instrument.

Witness my hand and official seal.

(SEAL)

\_\_\_\_\_  
Notary Public

Dated: 3/10, 2002

*Lena Peterson*  
Name: Lena Peterson  
Address: Sten Stureg 36 7 Tr.  
S 412 52 Gothenburg, Sweden

*Per Treven*  
Witness (Signature)

*Andrea Treven*  
Witness (Signature)

Per Treven  
Witness (Print or Type Name)

Andrea Treven  
Witness (Print or Type Name)

6024 Bent Creek Trail  
Dallas TX 75252  
USA  
Witness Address (Print or Type)

6024 Bent Creek Trail  
Dallas TX 75252  
USA  
Witness Address (Print or Type)

Dated: \_\_\_\_\_, 2002

Name: Weihua Mao  
Address: 2302 Routh Drive  
Rowland Heights, CA 91748

STATE OF CALIFORNIA       )  
  ) ss.  
COUNTY OF LOS ANGELES   )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2000, before me \_\_\_\_\_, the undersigned Notary Public, personally appeared **Weihua Mao**, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument, the person, or the entity upon behalf of which the person acted, executed the instrument.

Witness my hand and official seal.

(SEAL) \_\_\_\_\_

Notary Public



Docket No. 18036-24199  
BTG Ref.: 182745US02  
USC Ref.: 2868

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\_\_\_\_\_  
Witness Address (Print or Type)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Witness Address (Print or Type)

Dated: 8/28, 2002

  
Name:

Weihua Mao

Address:

918 Dunham Court  
San Jose, California 95125

STATE OF CALIFORNIA     )  
                                  ) ss.  
COUNTY OF SANTA CLARA   )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2000, before me \_\_\_\_\_, the undersigned Notary Public, personally appeared Weihua Mao, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument, the person, or the entity upon behalf of which the person acted, executed the instrument.

Witness my hand and official seal.

(SEAL) \_\_\_\_\_

Notary Public